

US EPA ARCHIVE DOCUMENT

# Command and General Staff

August 22, 2012

# E4 Alternative Containment Monitoring Update



## Update on status of E4 Alternative Containment Monitoring Plan Requirements

- Initial Monitoring
  - ✓ all components agreed to except velocity and discharge monitoring
- Periodic Monitoring
  - ✓ All components agreed to except velocity and discharge measurements
- Monitoring Plan
  - ✓ Enbridge to submit as Revised Morrow Lake Monitoring, Assessment and Management Plan



July 10, 2012

# Submerged Oil Site-Wide Monitoring



## Late Summer Reassessment at NEBA Recommended Monitoring Locations (Poling)

- Target areas provided to Enbridge by EPA/MDEQ
- Locations from Ceresco Dam trestle upstream to MP 4.75
- Identified targets from MP 13.48 to Mill Ponds
- Identified targets from MP 20.25 to MP 36.5
- Reassessment to commence today with goal to complete poling by Labor Day break

# Submerged Oil Site-Wide Monitoring



## Summer Reassessment of Locations Downstream of Morrow Lake Dam

- Required Summer poling assessment in CWP
- Reassessment commenced on Monday August 20
- Poling at most target areas complete – all locations poled are “nones” thus far
- Enbridge pursuing access for remaining targets not completed

**GIS**

Poling Data Review



## GIS Review of Poling Data Downstream of Morrow Lake Dam



# Sediment Trap Monitoring



## Status of Round 6 Monitoring for Phase I Traps

- Complete this week

## Phase II Trap Status

- Evaluation of Current Conditions
- Schedule
  - Phase II installations
  - Baseline surveys including poling



# GIS

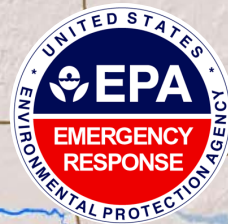
## Poling Data Review



## GIS Review of Poling Data From Phase 1 Sed Traps



# Submerged Oil Quantification



## Oil Quantification Coring Program Status

- Update on status of pilot study schedule

# Emerging Oil Management



## Recurring Sheen and Sheen Responses - August 16, 2012 – August 21, 2012

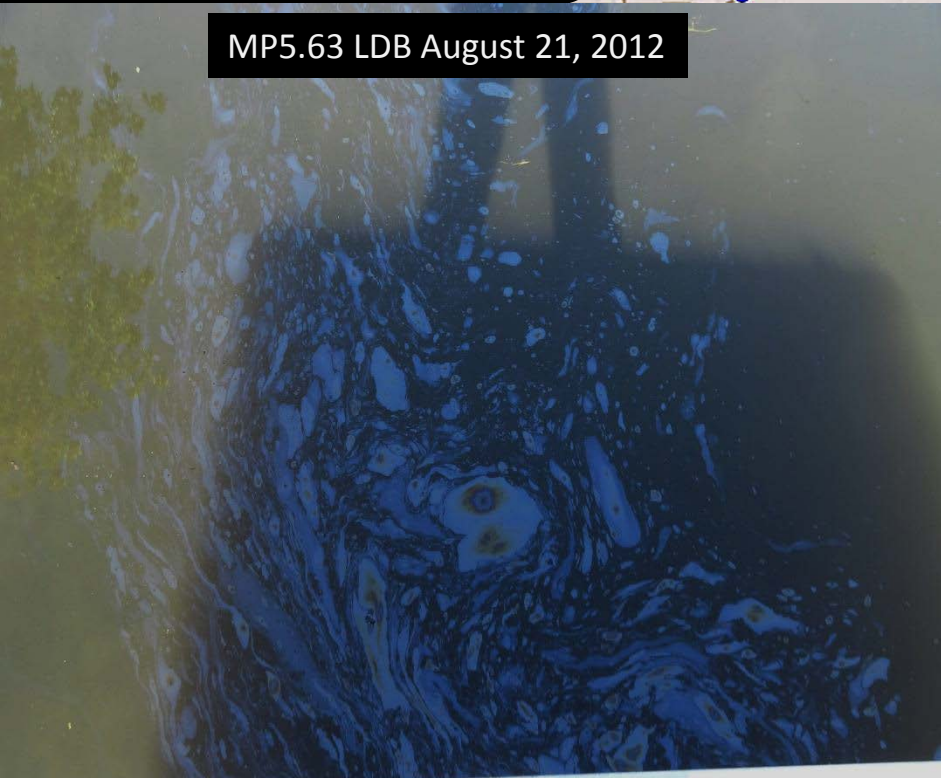
- Ceresco (6) – including Control Point upstream to MP 5.25
- MP 21.5 (3) – upstream of 21.5 oxbow sed trap
- MP 23.25 (3)
- MP 26.00 (2) – phase 2 sed trap
- MP 26.25 (2) - backchannel
- MP 28.25 (3) – phase 1 oxbow sed trap
- MP 37.75 (4) – phase 2 sed trap – islands in neck
- MP 37.9 (5) – south and north cove of Morrow Lake Fan
- MP 38.75 (3) – Morrow Lake near Indian Island

# Emerging Oil Management

## Ceresco & Morrow Lake



MP5.63 LDB August 21, 2012



Morrow Lake August 18, 2012





# Emerging Oil Management

## Ceresco & Morrow Lake



MP5.63 LDB August 16, 2012



MP5.63 LDB August 18, 2012





# Kalamazoo River

## RI/RA Status

### Source Area RA Schedule Update

- RA Work Plan for the Source Area – Approved August 20, 2012
- September 4, 2012 – Close of public comment period

### Kalamazoo River RI

- Continuing discussions on end points

